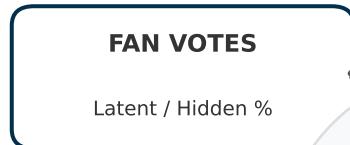


PHASE 1: DATA INPUTS



PHASE 2: DUAL-CORE ENGINE

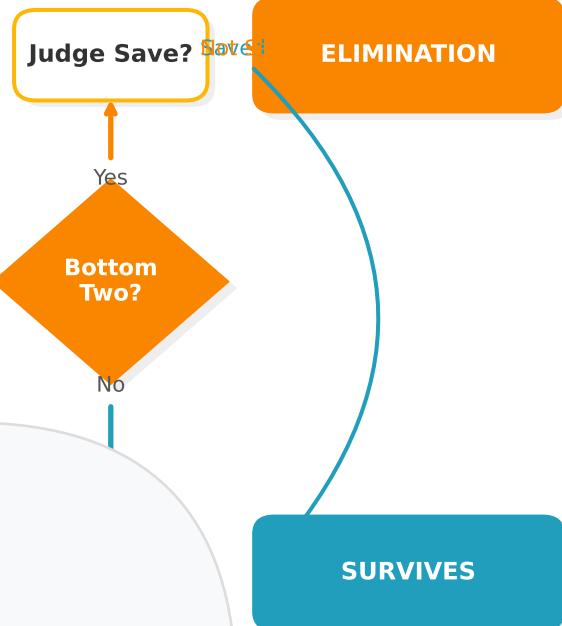
LINEAR PROGRAMMING

Percent Era (S3-S27)
Direct Sum Constraints

MILP SOLVER

Rank Era (S1-2, S28+)
Order-Based Logic

PHASE 3: AUDIT & OUTCOME



Dual-Core Inversion Engine detects mismatches (S^) > 0*